IAP13 Rec'd PCT/PTO 26 OCT 2006

	и РТО- . 01-200		ATTORNEY'S DOCKET NUMBER 126737			
٠		ANSMITTAL LETTER TO T DESIGNATED/ELECTED OF ONCERNING A FILING UN	U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/565,110			
INTERNATIONAL APPLICATION NO. PCT/JP2004/011552 INTERNATIONAL FILING DATE August 11, 2004 PRIORITY DATE CLAIMED August 12, 2003						
	TITLE OF INVENTION CERAMIC FILTER					
		NT FOR DO/EO/US MIZUTANI				
Appl	icant	herewith submits to the United State	s Designated/Elected Office (DO/E	O/US) the following items and other information:		
1.		This is a FIRST submission of item	s concerning a filing under 35 U.S.	.C. 371.		
2.	\boxtimes	This is a SECOND or SUBSEQUE	NT submission of items concerning	g a filing under 35 U.S.C. 371.		
3.	\boxtimes					
4.		The US has been elected (Article 3	11).			
5.		A copy of the International Applicat	ion as filed (35 U.S.C. 371(c)(2))			
		a. is attached hereto (required	only if not communicated by the Ir	nternational Bureau).		
		b. has been communicated by	the International Bureau.			
		c. is not required, as the application was filed in the United States Receiving Office (RO/US).				
6.		An English language translation of the International Application as filed (35 U.S.C. 371(c)(2))				
		a. 🔲 is attached hereto.				
	b. has been previously submitted under 35 U.S.C. 154(d)(4).					
		c.	n was filed in English.			
7.		Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))				
		a. are attached hereto (require	d only if not communicated by the	International Bureau).		
		b. have been communicated by the International Bureau.				
		c. \square have not been made; however, the time limit for making such amendments has NOT expired.				
		d. have not been made and wi	Il not be made.			
8.		An English language translation of	the amendments to the claims und	ler PCT Article 19 (35 U.S.C. 371(c)(3)).		
9.	\boxtimes	An oath or declaration of the invent	or (35 U.S.C. 371(c)(4)).			
10.		An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).				
Items 11 to 20 below concern document(s) or information included:						
11.		An Information Disclosure Stateme	nt under 37 CFR 1.97 and 1.98.			
12.		An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.				
13.		A preliminary amendment.				
14.		An Application Data Sheet under 37 CFR 1.76.				
15.		A substitute specification.				
16.	\boxtimes	A power of attorney and/or change of address letter.				
17.		A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.				
18.		A second copy of the published international application under 35 U.S.C. 154(d)(4).				
19.		A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).				
20. Other items or information: Response to Notification of Missing Requirements; Transmittal of Power of Attorney and Statement Under 37 CFR § 3.73(b)						

U.S. APPLICATION NO. (if known, s 10/565,110	APPLICATION NO. (if known, see 37 C.F.R. 1.5) INTERNATIONAL APPLICATION NO. PCT/JP2004/011552		ATTORNEY'S DOCKET NUMBER 126737		
21. The following fees				CALCULATIONS	PTO USE ONLY
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BASIC NATIONAL FEE (37	CFR 1.492(a)):		\$ 300.00	\$	
SEARCH FEE (37 CFR 1.49				\$	
()					
the USPTO as IPEA or ISA industrial applicability for all	International preliminary examination report or written opinion prepared by the USPTO as IPEA or ISA and favorable as to novelty, inventive step, and industrial applicability for all claims presented in the application entering the national phase				
International search fee (37	CFR 1.445(a)(2)) pa	aid to USPTO as ISA	\$ 100.00		
International search report p the search fee is paid	rovided to USPTO	no later than the time a	t which\$ 400.00		
All situations not provided fo	r above		\$ 500.00		
EXAMINATION FEE (37 CF	R 1.492(c)(1)-(2)):			\$	
International preliminary exa the USPTO as IPEA or ISA industrial applicability for all national phase	and favorable as to claims presented in	novelty, inventive step the application enterin	o, and ig the		
All situations not provided fo	r above		\$ 200.00		
Surcharge of \$130.00 for fur declaration after the date of	nishing the search t	ee, the examination fe	e or the oath or	\$130.00	
APPLICATION SIZE FEE					
Total pages - 100 =	÷ 50	= †	x 250 =	\$	
tround up to next integer					
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TOTAL CLAIMS	- 20	=	x 50.00 =	\$	
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Applicant claims small e reduced by ½.	entity status. See 3	7 CFR 1.27. The fees	indicated above are	\$	
			SUBTOTAL =	\$130.00	
Processing fee of \$130.00 for the earliest claimed priority of	or furnishing the Englate (37 CFR 1.492)	glish translation later th	an 30 months from	\$	
			NATIONAL FEE =	\$130.00	<u> </u>
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NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b))					
must be filed and granted to restore the application to pending status. SEND ALL CORRESPONDENCE TO:					
OLIFF & BERRIDGE			NAME !	/ Ol:#	
Customer Number:	2 0944		NAME: Jame REGISTRATI	es A. Oliff ON NUMBER: 27,0	075
Date <u>October 26, 2006</u>			NAME: Stept	hen P. Catlin ON NUMBER: 36,	101
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21. Street The following fees are submitted: BASIC NATIONAL FEE (37 CFR 1.492(a)):	21. ② The following fees are submitted: BASIC NATIONAL FEE (37 CFR 1.492(b)):	U.S. APPLICATION NO. (if known, 10/565,110	see 37 C.F.R. 1.5)	PCT/JP2004/011552	TION NO.	ATTORNEY'S DOCKET N	UMBER
BASIC NATIONAL FEE (37 CFR 1.492(b)):	BASIC NATIONAL FEE (37 CFR 1.452(b)(1-13)): SEARCH FEE (37 CFR 1.452(b)(1-13)): International preliminary examination report or written opinion prepared by the USPTO as IPEA or ISA and favorable as to novelty, inventive step, and industrial applicability for all claims presented in the application entering the national phase. International phase presented in the application entering the national phase presented in the application entering the national phase. International search report provided to USPTO no later than the time at which the search fee is paid. International search report provided to USPTO no later than the time at which the search fee is paid. International preliminary examination report or written opinion prepared by the USPTO as IPEA or ISA and favorable as to novelty, inventive step, and international preliminary examination report or written opinion prepared by the USPTO as IPEA or ISA and favorable as to novelty, inventive step, and international preliminary examination report or written opinion prepared by the USPTO as IPEA or ISA and favorable as to novelty, inventive step, and international preliminary examination report or written opinion prepared by the USPTO as IPEA or ISA and favorable as to novelty, inventive step, and international preliminary examination report or written opinion prepared by the USPTO as IPEA or ISA and favorable as to novelty, inventive step, and international preliminary examination report or written opinion prepared by the USPTO as IPEA or ISA and favorable as to novelty, inventive step, and international preliminary examination report or written opinion prepared by the USPTO as IPEA or ISA and		s are submitted:	F C 1701 200-470 1 1 3 3 2			PTO USE ONLY
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the USPTO as IPEA or ISA and favorable as to novelty, inventive step, and industrial applicability for all claims presented in the application entering the national phase	the USPTO as IPEA or ISA and favorable as to novelty, inventive step, and industrial applicability for all claims presented in the application entering the national phase					\$	
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International search fee (37 CFR 1.445(a)(2)) paid to USPTO as ISA	International search fee (37 CFR 1.445(a)(2)) paid to USPTO as ISA	industrial applicability for all national phase	I claims presented in	the application enterin	g the \$ 0.00		
International search report provided to USPTO no later than the time at which the search fee is paid	International search report provided to USPTO no later than the time at which the search fee is paid						
All situations not provided for above	All situations not provided for above \$500.00 All situations not provided for above \$500.00 SEXMINATION FEE (37 CFR 1.492(c)(1)-(2)): International preliminary examination report or written opinion prepared by the USPTO as IPEA or ISA and favorable as to novelty, inventive step, and industrial applicability for all claims presented in the application entering the national phase \$0.00 All situations not provided for above \$200.00 Surcharge of \$130.00 for furnishing the search fee, the examination fee or the oath or declaration after the date of commencement of the national phase (37 CFR 1.492(h)). APPLICATION SIZE FEE Total pages \$100 = \$50 = \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$						
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Total pages - 100 =	Total pages	Surcharge of \$130.00 for fu declaration after the date of	rnishing the search f commencement of t	ee, the examination fe the national phase (37	e or the oath or CFR 1.492(h)).	\$130.00	
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TOTAL NATIONAL FEE = \$130.00 Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property + TOTAL FEES ENCLOSED = \$130.00 Amount to be refunded: \$ charged:	the earliest claimed priority date (37 CFR 1.492(i)). TOTAL NATIONAL FEE = \$130.00 Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property + TOTAL FEES ENCLOSED = \$130.00 Amount to be refunded: \$	Processing fee of \$130.00 fe	or furnishing the Eng	dish translation later th			
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REGISTRATION NUMBER: 27,075	REGISTRATION NUMBER: 27,075 Date October 26, 2006 NAME: Stephen P. Catlin						
		Customer Number:	25944				75
	REGISTRATION NUMBER: 30,101	Date <u>October 26, 2006</u>					01
REGISTRATION NUMBER. 30,101							

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Takashi MIZUTANI

Attn: Mail Stop PCT

Application No.:

10/565,110

Docket No.: 126737

Filed: October 26, 2006

For:

CERAMIC FILTER

RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C 371 IN THE UNITED STATES DESIGNATED/ **ELECTED OFFICE (DO/EO/US) WITH DECLARATION**

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

In response to the Notification of Missing Requirements Under 35 U.S.C 371 in the United States Designated/Elected Office (DO/EO/US) (copy attached) mailed on September 13, 2006, submitted herewith is the executed Declaration of the inventor and a Power of Attorney. Any necessary Designation of Ten Attorneys for Power of Attorney or Transmittal of Power of Attorney and Statement Under 37 C.F.R. §3.73(b) is also attached. Any specification attached to and referenced in the Declaration is a copy of the specification and any amendments thereto which were filed in the Office in order to obtain a filing date for the application.

Attached is our Check No. 185592 for \$\sqrt{\$130.00}\$ for the fee under 37 C.F.R. §1.492(h).

Entry of these documents should complete all of the filing formalities and fully satisfy all requirements of the Notification of Missing Requirements. Accordingly, prompt issuance of a Notification of Acceptance and Official Filing Receipt, and prompt examination and allowance of this application are respectfully solicited.

The Commissioner is hereby authorized to charge any additional fee (or credit any overpayment) associated with this communication to Deposit Account No. 15-0461. Two duplicate copies of this paper are attached.

Respectfully submitted,

James A. Oliff

Registration No. 27,075

Stephen P. Catlin

Registration No. 36,101

JAO:SPC/nxy

Date: October 26, 2006

OLIFF & BERRIDGE, PLC P.O. Box 19928 Alexandria, Virginia 22320 Telephone: (703) 836-6400

DEPOSIT ACCOUNT USE AUTHORIZATION

Please grant any extension necessary for entry; Charge any fee due to our Deposit Account No. 15-0461



United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS PO. Box 1450 Alexandria, Virginia 22313-1450

U.S. APPLICATION NUMBER NO.

FIRST NAMED APPLICANT

ATTY. DOCKET NO.

10/565,110

Takashi MIZUTANI

126737

INTERNATIONAL APPLICATION NO.

PCT/JP04/11552

I.A. FILING DATE

PRIORITY DATE

08/11/2004

08/12/2003

CONFIRMATION NO. 5423 371 FORMALITIES LETTER

OC000000020394386

MISSING PARTS

25944 OLIFF & BERRIDGE, PLC P.O. BOX 19928 **ALEXANDRIA, VA 22320**

Date Mailed: 09/13/2006

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

OLIFF & BERRIDGE

Copy of the International Application filed on 01/19/2006

- English Translation of the IA filed on 01/19/2006
- Copy of the International Search Report filed on 01/19/2006
- Preliminary Amendments filed on 01/19/2006
- Information Disclosure Statements filed on 01/19/2006
- U.S. Basic National Fees filed on 01/19/2006
- Priority Documents filed on 01/19/2006

DUE DATE

NOV 1 3 2006

The applicant needs to satisfy supplemental fees problems indicated below.

The following items MUST be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

SUMMARY OF FEES DUE:

Total additional fees required for this application is \$130 for a Large Entity:

\$130 Surcharge.

& Berridge

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

A copy of this notice MUST be returned with the response.

FRANCINE YOUNG

Telephone: (703) 308-9140 EXT 215

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/565,110	PCT/JP04/11552	126737

FORM PCT/DO/EO/905 (371 Formalities Notice)

أنمرا

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Takashi MIZUTANI

Application No.: 10/565,110

Filed: October 26, 2006

Docket No.: 126737

For:

CERAMIC FILTER

TRANSMITTAL OF POWER OF ATTORNEY AND STATEMENT UNDER 37 CFR § 3.73(b)

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Submitted herewith is a Power of Attorney from the Assignee.

In compliance with 37 CFR §3.73(b), the undersigned hereby states that NGK INSULATORS, LTD. is the assignee of the entire right, title and interest in the patent application identified above by virtue of an assignment from the inventor of the patent application identified above. A copy of the assignment is attached hereto and is concurrently being submitted for recordation.

The undersigned is authorized to act on behalf of the assignee.

In accordance with 37 CFR §1.36(a), submission of this Power of Attorney revokes any powers of attorney previously given.

ALL CORRESPONDENCE IN CONNECTION WITH THIS APPLICATION SHOULD BE SENT TO OLIFF & BERRIDGE, PLC, CUSTOMER NO. 25944, TELEPHONE (703) 836-6400.

Respectfully submitted,

James A. Oliff

Registration No. 27,075

Stephen P. Catlin

Registration No. 36,101

JAO:SPC/nxy

Date: October 26, 2006